HAMATEUR CHATTER

The Milwaukee Radio Amateurs' Club, Inc.

The World's Oldest Continuously Active Radio Amateur Club

December 1972 **Number 31**

SEASON'S GREETINGS!

SQUIBS FROM MRAC PRESIDENT

OLD TIMERS....

Some years back when I was new in the club there was a lot of talk of Old Timers Nite... Both before and after the event. I must admit that I didn't have much information about the event and therefore wasn't too interested. In fact I had the mistaken notion that the affair was just for the Old Timers and not for us New Timers.. Well I sure must have missed a lot of good times,because since my Enlightenment I haven't missed one Old Timers' Nite.. Actually its that time of year when we honor the Hams, past and present, who have made amateur radio what it is today.. MRAC can be proud of many of its members who have not only been recognized locally for their outstanding achievements, but nationally as well. Many of our members are so talented that they also happen to be leaders in other fields as well. For those who have stood by Ham Radio thru the years.....This is their night.... C U There.

BON VOYAGE....

With regrets we say farewell to active member and board member Harold Engelke, K9CMX. Harold has recently accepted a position with an electronics firm in New Jersey.. He has as have so many others of our brethren, felt the effects of Delco Electronics severe cut back in personnel. Many of us know of Harold's great contributions to such activities as the annual Schlitz Circus Parade, and numerous other AREC events. Harold was an assistant EC in Milwaukee County for special events, and did a mighty fine job in coordinating them.. Navy-Marine Corps MARS also kept Harold busy as the State Net Coordinator. About as long as I can remember, Harold has been a member of the Red Cross Communications Sub-Committee of Disaster Services at the Local Chapter. Harold will be missed in this area for sure, but our loss is their gain. Good Luck Harold'.

FINE TOOTH COMB OR GLOSSING OVER

I am finally getting around to reading some of the editorial pages of some of the Amateur Radio Publications. I was taken back by what seemed to me a rather severe criticism of the FCC report and order concerning repeater rules in the November issue of 73 magazine. It seems to this reader that Mr. Greene has misinterpreted some of the intent of the new rules. Upon my first reading of the new rules and as I re-read them, I am impressed with the evidence of a great amount of thought and consideration which seemingly went into the making of the new rules. I am concerned that many others will let the editor of 73 do their evaluation for them rather than sitting down and digesting the documents for themselves.. Hopefully those at 73 will take another look at the rules in an effort to appreciate the thinking behind them.

73, Jack McLeland, W9ATK

FOR SALE...HW 32 for 20 meters W/AC P.S. and mike works perfect $75 give away. SX28A $50 or best offer. Pat WB9GKZ 258--4918.

EARLY HISTORY OF WIRELESS IN MILWAUKEE.

When Marconi successfully bridged the Atlantic Ocean, it was only a short time before every city and Hamlet in the United States bloomed with Wireless clubs. Milwaukee was no exception. Modern Electrics of March 1910 reports the founding of the "Wireless Association of Milwaukee". The following officers were elected: Mr. A.P. Topfar, President, Mr. Emil Koubeck Vice President, Mr. Frank A. Schroeder, Secretary, and Mr. Henry Zeuner, Treasurer.

The Electricians & Mechanic of July 1912 reports the "Cardinal Wireless Club: South Division High School, have the following officers: W.K. Walters, President, Fred Danewfelser, Vice President, Miss Annette Peterson, Secretary, and Joe Viden, Treasurer. A description of the station followed. The call letters were SOH. In late 1912 a new radio law was passed,and by January of 1913 amateur station licenses were being issued.

The 1913 issue of Electrician & Mechanic publishes a number of station licenses. This magazine article proceeded the first call book by several months. Among those from Milwaukee are the following: H.A. Hollister 9AG.G.A. Marx 9AI (WN9DJF, Silent Key April 1972), T.E. Cutting 9AJ, R.C. Seigel 9AK. C.B. Kottler 9AL, W. Schroeder 9AM, E.J. Foster 9AN & J.C. Willett. In this edition there are several out of city stations such as 9AO T.E. Lippman. 9AP H. Morgan of Morgan Farm, and 9AQ J.A. Reiner all of Beloit. It is interesting to notice that each license is numbered. The October 1913 issue of Modern Electrics also publishes a list of new calls in the Ninth District. In early December of 1913 it is announced that the new call book will be available for 15 cents and listed commercial and amateur calls. From 1913 on Milwaukee grew rapidly in wireless activity and the 1914, 1915 & 1916 call books show a steady increase in licensed amateurs. With the coming of WW1., activity ceased and did not start again until late in 1919. Many of the old timers returned and the first call books many familiar names such as E.D. Nunn LeRoy Degner, Wesley Correll,(now W9FY),Clarence Bates, Clarence Crapo,(now W9VD), who then lived on 1175 Second Street. 9AAP Marion Szukalski, 9AEI Rudolph Teschan , Irving Strassman 9AHO, Carl Seifert 9AHU, Robert Logan 9AIW, Al Simandl & Frank Preuss, my first out of city contact, Danny Gellerup 9AOE, Irv Schmidt 9ASW, and Al Kleist 9ATE

Waukesha had its own radio club. The call was 9ATX . Wauwatosa not to be out done was 9AVB. L.S. Baird writing in the magazine RADIO of April 1922 outlines the history of the Milwaukee Amateurs' Radio Club. He states "The Milwaukee Amateurs' Radio Club was founded in January of 1917, by L.S. Baird, A.C. Kletzsch, J.B. Hitz, and Alonzo Pawling. The next few years the club grew and prospered. In June of 1922 it embarked upon its greatest project, the first annual State Convention of the A.R.R.L., which was held in the Milwcukee Auditorium June 22,23,24 & 25. This year marks the fiftieth anniversary of that convention. Those most responsible for that first convention were L.S. Baird, A.J. Simandl, H.F. Wareing(now W9NY), N.B. Grogan, C.N. Crapo and Charles Polacheck (still an active MRAC member). Rewritten November, 1972 by Erv Rasmussem W6YPM, 164 Lowell Street, Redwood City, California.

HAMATEUR CHATTER is the official organ for M.R.A.C. published bi-monthly. Meetings on the second Thursday of the month at MSOE, 1020 No. Broadway, 7:30 p.m. -- Everybody Welcome!

HAMATEUR CHATTER STAFF

Chet Sakura, W9CTI — Editor
4661 N. 57th, Milwaukee, Wis. 53218 — 461-4770
Russ Burlingame, WN9ECP — Layout & Asst. Editor
Bob Price, WA9JLU — Circulation
Ted Willett, W9NHE — Production

NOTE FROM THE 2ND VICE PRESIDENT

The duties of this office are involved in membership. I became a member as a result of a display put on at the first summerfest. As long as I have been in amateur radio that has been the only display of amateur radio to the general public in this area. I brought this up at the last board meeting and as a result, I am in charge of public activities. With this article I'm asking for help from anyone who would like to. We need people who would help put together the exhibits, and people who would man them. I would like to have a new display put together, because of problems with the existing one, so anyone who has pictures of amateur radio activities or newspaper articles which would be of interest to the public, I would appreciate the use of these. Also anyone who would wish to construct a new display, please speak up.

Finally, anyone who may have some connection with someone who is with any of the large public events (Summerfest, the Fair, Sports Show etc) try to put in a word for us so we don't have to start from scratch. Please let me know if you would like to help, and lets show the public why we are here.

73, Dave DeFebo, WB9BWP

ATTENTION ALL READERS

Those Receiving the Hama' Chatter by mail are advised that this may be their last copy unless they are: (1) Members of MRAC or a Life Member; (2) Active member of AREC; (3) Exchange with other clubs; (4) Certain ARRL officials. To be certain of receiving Hama' Chatter by mail, either join the Club or make a donation to help finance the paper. Also a reminder is made to inform us of any address change because 3rd Class Mail is not forwarded.

FOR SALE...Drake 2NT, 2C, 2AC and 2CQ $300. Jim WB9GGI

FROM THE TREASURER OF M R A C . . . . . .
Many of our members are delinquent in paying of their dues. Since this publication reaches all of our members, this is to be construed as an Official Notice to all members since individual statements will no longer be sent out. Our Club season or fiscal year is now July 1st thru June 30th of the following year. As anyone can see, almost six months has past and many have not yet remitted. Traditionally we always tried to collect all dues during Sept-Oct-Nov in order that eligibles would be in the Club Roster. A committee is working on the new roster to be issued so don't be left-out. Some members are 2 or more years in arrears and will be dropped if no action is taken to ascertain your status. Be a member in good standing by paying your dues now!
As you may or may not know - new dues rates are now in effect. Regular and Associate Members are $4.00, Non-resident Members are $3.00 and Student Members are $2.00. Please make out checks payable to Milwaukee Radio Amateurs' Club, Inc. and send to Charles C. Dawson, Treasurer, 2345 W. Skyline Road, Milwaukee, Wisconsin 53209....or attend the meetings held the 2nd Thursday of each month at the Milwaukee School of Engineering, Room B-5 at 1020 N. Broadway.....

Charles C. Dawson, W9CUW
Treasurer, MRAC, Inc.

" C Q 3 T U E "

This is to serve as a notice to ALL WISCONSIN HAMS that starting January 16th, a HAMS SMORGASBORG LUNCHEON is being set up in MILWAUKEE for the 3RD TUESDAY OF EVERY MONTH AT NOON. ITS NOT A CLUB - NO OFFICERS - NO DUES - NON-COMMERCIAL. It's just to provide a place for HAMS to meet for lunch once-in-a-while. Dutch Treat - not expensive - and if you're hungry, go back for smorgasborg sec ond and if you're hungry, go back for smorgasborg seconds.
WHAT? - "C Q 3 T U E" The WISCONSIN HAMS' MONTHLY SMORGASBORG LUNCHEON. An opportunity to meet for EYEBALL QSOs during daylight hours.
WHEN? - THE 3RD TUESDAY OF EVERY MONTH AT NOON. (Starting January 16th)
WHERE? - SVEDEN HOUSE SMORGASBORG, 5228 WEST FOND DU LAC AVENUE. MILWAUKEE. Separate Dining Room - Plenty of Parking - ALL Hams Welcome!
(Note! The location is "Hamville" 4 blocks from Amateur Electronic Supply and Heathkit , Olson Electronics, Stolz and Wicks and Taylor Electric supply houses close by).

12TH ANNUAL VALENTINE-DINNER DANCE. FEB 24TH

This FB annual affair will be held again at Moser's Cafe on 31st and Lisbon. There was a fine turn-out last time but many came without reservations and caused a slight inconvenience in the kitchen. Plan early and reserve the date on your calendar and confirm it with Chairman Russ Burss W9RKP, 679-0458.

CHATTER

W9VQD Hobnobs with Royalty... Our world wide travelers in their recent trip to England, tells of a very interesting time. In one museum tour, they were next to King Gustafson of Norway. At another time they viewed Queen Elizabeth as she went to open the Parliament.

During a lull while Frank Seebooth W9NLY was lecturing on sophisticated Phone equipment, this was heard from the back row: "Alex Bell probably couldn't get a job with the Telephone Company now. If he could have foreseen the complications it caused, he probably would have gone fishing the day he invented the telephone!"

W9EWC has two hams in the family now, daughter WE5JM and son WB9KUB. KUB keeps in touch with Dad from UW-GB by 2-meters. No more telegraphing home for money. Remember the wire from college boy to Dad? "NO MON, NO FUN, YOUR SON" to which Dad wired back, "TOO BAD, HOW SAD YOUR DAD".

DONATIONS TO HAMA' CHATTER FUND

The following have donated to aid the publishing of this paper: K9CLS, W9CPV, W9BKD, W9ESJ, W6GON, WA9JBR, W9HDY, QCWA and the following Life Members, W9CUW, W9FY, W9CCD, WN9EHA. Some Lifers continue to pay their dues to help support the Club.

IMPORTANT NOTICE TO ALL MEMBERS

As a new roster is being compiled, any changes of address, phone number or related changes should be reported. Drop a note to the Editor or call. Delinquent members are notified that they will not be included in the roster unless they are members in good standing---dues paid-up.

It might be stressed at this time that it is urged that any change of mailing be forwarded to us immediately so that changes in mailing be made here. Third Class mail is NOT forwarded.

SILENT KEYS

Anthony M.(Tony) Barszcz, W9HPZ passed away October 31, with a perforated ulcer. He was licensed in 1939 and was very active on the old 160 meter band. Altho handicapped Tony was one of the most faithful members of MRAC and AREC.

Another Old Timer, Harvey Mattes, K9DOL passed away on November 14. He had suffered a heart attack earlier in the year, and had been recovering steadily until recently. The QCWA net will miss him.

QCWA WISCONSIN CHAPTER

On October 7th the annual dinner-meeting was held at the Downtowner Motel in Green Bay with some 55 attending. After the delicious buffet, the ladies retired to a side-room for games and bingo. Chairman W9NRP presided over the formal meeting. "Regular Member" certificates were presented to W9LJU, W9EVL, W9YFW, W9IZO, W9JR and W8QGQ. The new officers are Chairman W9BKD, Vice Chairman W9EDS, Tresurer W9VQD and Secretary and Historian W9CTI. Other board members are W9EWC, W9ESJ and WN9EHA who fills the balance of W9NRP's term. Side is retiring and moving to Arkansas. The dinner committee was headed by W9EDS with W9NJH, W9EJD and W9V0W who manages the Downtowner Motel. Visitors were W6YPM and W9YHO. The family of Harvey Mattes (K9DOL) sent a card "acknowledging with deep appreciation the QCWA expression of sympathy".

The board meeting held at W9ESJ's on Dec. 2nd decided that the first Sunday of the month be a "regular" meeting. Others not able to check in weekly will know that regular business will be conducted that Sunday and so are urged to "attend" once a month on 3985 KHz at 9:00AM

ADDITIONAL QCWA MEMBERS WISCONSIN CHAPTER

W8QGQ	(A) FREDERICK, HARRY V.		
	RB #189	Menominee Mi.	49858
W9AYX	(A) TOPPE, JACKIE E.		
	R #1 Box 157	Florence	54121
W9BCC	(C) GUTH, FRANK L.		
	1632 Ellis St	Stevens Point	54481
W9DUB	(A) KASHINSKI, FRANK E.		
	Rt #1 Box 130	Delavan	53115
W9EVL/WB5CJB	(A) ASMUS, LESTER E.		
	901 E. Francis St.	Appleton	54911
W9HNX	(A) BAALKE, HARVEY L.		
	1633 So. 17th St.	Sheboygan	53081
W9IZO	(A) GETTELMAN, THOMAS R.		
	14855 Watertown Plank Rd.	Elmgrove	53122
W9IZG	(A) BENEDITZ, ERWIN C.		
	254 W. North St.	Juneau	53039
W9JR	RR#1 Box 64	Fontana	53125
W9JR	ALLEY, RALPH G.		
	RR #1 Box 64	Fontana	53125
W9LJU	(A) PESCHEK, RAYMOND		
	3708 No. 56th St.	Milwaukee	53216
W9QFL	(A) TOPPE, GEORGE		
	R #1 Box 157	Florence	54121
W9SA	(E) POSTELS, DR. GEORGE G.		
	6503 Pheasant Lane	Middleton	53562
W9VTL	(G) SWENSON, RAY		
	417 James St.	Rockford, Ill.	61107
W9WZS	(G) BERNSTEIN, MELVIN		
	1991 W. Greenwood Rd.	Milwaukee	53209
W9YCJ	(G) MOORE, JOHN D.		
	136 McKinley St.	Valders	54245
W9YFW	(A) FEDDER, GORDON J.		
	103 Riverside Dr.	Shawano	54166
W9ZVY	(A) CATLIN, JOHN B.		
	Apt. 10 1799 Alcan Dr.	Menasha	54952

OLD TIMERS' NITE JANUARY 24TH

The change of date to Wednesday January 24th is to coincide with the visit of ZL2GX Jock White and XYL Beattie. They will be touring the States from mid-December thru January and will be entertained by W9RKP while here. The change of date was arranged by the courtesy of Pabst Rathskeller to allow them to meet more hams in this area thru the Old Timers' Nite gathering. As Jock is well-known among DXers, many of the local hams will be given this rare opportunity for an eye-ball QSO.

Old Timers are urged to bring their memorablias. Hams under 18 will be admitted if accompanied by a guardian and soft drinks will be provided. The following Life Members will be honored: Gordon J. Fedder W9YFW, George W. Fields, W9WVL and Royal Doug Miller, W9CJO. The Pabst Blue Ribbon Hall is at 9th and Juneau from 7 to 11 PM.

EDITOR'S CORNER

Each year the Christmas season seems to come all too soon. Sure, we love it but it just points to an unescapable fact to us OTs; we are getting o l d e r but fast! This issue combines seasons greetings to all and a focus of our attention on the accomplishments of the OTs. With all the present day sophisticated equipment and devices with technical knowledge to utilize them, I wonder if those in the 20's and 30's weren't the happier. Being t h e poor cousin, most home-brewed their rigs from receiver to fone transmitter. Many even wound their own power and modulation transformers. True, the techniques were a lot simpler compared to the complex present day, but at that time were quite an accomplishment and were the state of the art. T h e present day QSOs leave much to be desired when they come back with "..and you're coming in here 40 over 9 OM. Rig here is a Collins (or Swan or Galaxy....) with linear running 2000 PEP (liar!) into a T33 beam, how copy?" You come back with "FB OM, you're 50 over (liar!) here to my.....etc". How much more thrilling was the 5-9 report from your home-brew PP 210's with pair of 46's class B. "...and broadcast quality!" There was a little gentlemanly lying in those days too!

There appears to be a trend towards home-brewing again--QRP rigs, solid state devices, integrated circuits and now to even sophisticated ATV equipment. Perhaps in the years after 2000 AD, the present young squirts as OT s will look back and say, "Those were the good old days." The present OTs who really experienced the pioneering from crystals and spark to present transceiving can look back and agree "Those were the good old days." But the beauty is that they keep up with the times and contribute to the future.

Chet, W9CTI

ON-THE-AIR ACTIVITIES

10-meters has been reported very hot during the last several months. Milwaukee Lakeshore Net (MRAC's very own) has changed frequency to 28.7 MHz but still at the same time 7:30PM Monday night. As many as 8 or 9 stations have checked in and even as far as Rockford, Ill. (once).

WB9EMC now has a SWan 350 and wants to know what the funny mechanical noises that come from the final tubes and power supply are.

W9IZO has a 48' tower with a 20 meter 3 el Telrex beam and has a 2 meter Ringo on top of that. First contact was a 5/9 from DL land with TR4 barefoot. (not 2 meters).

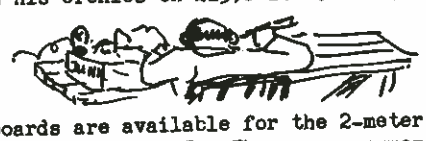
SUNSHINE

Veronica WA9MNC had a spinal fusion Oct 3rd and after a rough period is recuperating very nicely. She will convalesce for three months.

W9UCR is recovering from a gall bladder operation. He's the WIN (CW net) manager convalescing on the air!

W9CUJ is pretty well back on his feet and has been on the air with his cronies on 21390 at 8:00 PM.

CONSTRUCTION



Circuit boards are available for the 2-meter receiver published in August 1972 QST. These are commercially made with glass epoxy, undrilled at $3 each. ICs and transistors are also available. See Dave WA9POV, 462-3454 or Roy WA9KEC 543-2968.

Lynn WA9KRF instigated the purchase of a lot of ten 10.7 mc crystal filters for FM receivers. It seems that there is much interest in narrowbanding FM receivers.

Sister Osana WN9KYF was helped by K9KRU installing a relay in the meter and Steve Loomis and Jim Tills erecting a dipole.

Ham gear is becoming sophisticated, the newer ICs are bringing in computer-like ideas. Petite Logics of Wenatchee, Wash.. has a unit that will convert on-the-air CW to print out on a regular teletype machine. No excuse now for anyone not checking into the CW Nets, hi!

W9HHX MSOE RADIO CLUB was the fortunate recepient of a Drake ML22 and all accessories provided by an alumni Dick Drews, K9PJB. The club has remodelled the shack and is in the process of building a linear with a pair of 4-400s.

IW-M AMATEUR RADIO SOCIETY station WB9JBF is located in the Student Union Building, Room W143. Meetings on the first and third Wednesdays. Antennas are being raised on top of the building and an RTTY station is planned. With limited funds, a reconditioned S-Line was acquired and the balance of payment was nearly paid for by "goods" salvaged by members and brought to the MRAC Auction Night.

Officers of the club are:

President	Ed Andrews	WA9UQN
V. Pres.	Greg Brosowsky	WA9YCV
Secretary	Bruce Swanson	WB9ACD
Stn. Eng.	Gary Eskra	WA9VMG
Treasurer	Bill Pung	

OZAUKEE RADIO CLUB has the repeater project going very good. The building is almost completed and the license applied for. It is hoped to have the system available for work sometime in December. The new freq is 37/97 with an optional tone access of 2250 hz. Dues are being increased to $5 and includes repeater membership.

COULD THIS BE THE LAST SPARK?

(This incident was related to he edito
(This incident was related to the editor by Dr. Pierre Stoffyn, research chemist at Harvard Medical Center)
While a radio student, I was invited on board the "Zeehond" a sea going tug, by the radio operator who was a fellow student. I was surprised to see the antiquated spark transmitter and a 3-tube autodyne receiver. He explained that spark was permitted under the 1934 Madrid Conference for emergency purposes. (ed note: this had expired in December, 1939) This was in Ostende Harbor, Belgium, in April 1940 as WWll was looming. The Captain hurriedly came aboard accompanied by four marines because a British mine was reported afloat and he was ordered to locate it. The Captain was dressed for a party instead of boat duty, and I remember him placing his bowler hat on a shelf by the wheel. The trip out was amazing because, with full speed ahead, he skillfully piloted the tug thru the mist past close-by sholes. The mine was located and the marines braced themselves on the pitching deck and in ten minutes had detonated it was a terrific "WHOOOPH". The Captain then told the radio operator to send a message to Ostende Harbor station reporting the results. My friend stood aside and asked me if I wanted to sent the message. So with great pride and thrill I heard the zapping spark as I sent, "-.-.- OST de *OPDZ -.... MINE LOCATED AND DETONATED.-.-. ...-.-" The emergency over, I guess this was QRT for the Spark Era as war came to Belgium in May.
* Probably not the call of the "Zeehond" of this tale.

DX NEWS BY W9RKP

Heard on the CQ-WW contest were W9JK, W9GIL, W9RKP and K9CAN among others. W9RKP worked XUlAA Cambodia three minutes beforethe end of the contest for a new country. Moral: "Never give up until the gun sounds." W9YZG now has more elbow room DXing having passed his kAdvanced--congrats! W9KQD, for many years an active DXer here, has moved to Kokomo, Ind. His address is 125 Patricia Dr., 46901.

MENOMINEE FALLS CLUB is having their Annual Xmas Party and Meeting Dec. 27th at the Metropol Apts. See WA9MME for further details.

F.A.R.S. (FRIENDLY AMATEUR RADIO SOCIETY) holds forth on 21.4 MHz Wed. nites at 8:30. Check in!

FOR SALE--Moto 5V 67/67 $30 complete. Want an electronic keyer cheap. Mark Wb9EMV 258-7897.

CONGRATS TO SMOKE SIGNALS for placing so high in the Amateur Radio News Service club paper contest. They won four firsts and one second place with other ham papers. K9PQK is the prolific editor and Secretary of Y.T. Radio Club of Baraboo.

WEST ALLIS RADIO CLUB is leading off the Hamfest circuit by announcing their plan for one February 3rd. The location will be Hart Park in Wauwatosa. More detail will be forth coming so look for it.
New officers are:

President	Ron Gorski	W9KYZ
V. Pres.	Jon Schumacher	K9REE
Secretary	Larry Gonia	WA9IIS
Treasurer	Tom Macon	K9BTQ
Sgt. At Arms	Lynn Tamblyn	WA9KRF

West Allis W9FK placed first in W9 section and 7th in Class 3A in F.D.
W9KYZ placed 2nd in Wisconsin Sec. in DX contest.
W9GKE worked SM2AGD/CEØ on 3905 at 10 AM Saturday!

Nutty Nut Net operated as WA9UJM on F.D. and beat 72 stations in Class 1A, but were beaten by a few others. Wait till next year!

GROUND HOG DAY AT WATERTOWN

This affair was on October 8th and was attended by about 60 hams and friends and XYLs. This was commemorating the local 10 meter gang who continued working after the band went out, but on ground wave years ago. This day was founded and continued until his passing several years ago by W9QHR. His widow Helen continues her presence at these dinners. About 10 Milwaukean's were noted among those present with a few QCWAers who had just had their annual meeting at Green Bay the day before. The FB Swiss Steak Family Style Dinner was topped by many door prizes. The hard-working committee was headed by Teen W9LUB and XYL Bettie K9GJC aided by K9FHI, WB9CYB and MC'd by the "Voice of Watertown" WA9OAY.

The meeting did not mention further 10-meter activities but to our knowledge two groups in the Milwaukee area are locally active. West Allis Club has a repeater on 29.4/29.6 and Milwaukee Lakeshore (formerly Emergency) Net is on 28.7 MHz Monday nights at 7:30. Perhaps with the band being opened to Novices, the next session may have some Groundlings. Last word from Ground Hogs, "Who has the last bottle of Ale?"

AREC AND EMERGENCY CORPS help conduct the COMEX in Washington County on Nov. 4th and was a decided success. This was the seconds
the second Emergency Exercise and has attracted the attention of other county officials. The communications of the exercise was supervised by W9NGT and K9OSK. About 40 hams participated.

WISCONSIN ASSOCIATION OF REPEATERS

This By-law committee has finished their work and copies of the proposals has been mailed to all repeater representatives. A meeting will probably be held in January for acting on the By-laws. Any repeater group not in the association is invited to join in this cooperative effort. Write Jim Taylor K9ZYS at Box 440, Milwaukee, Wis. 53201.

—··— FREE - ADS —··—

FOR SALE...fine novice rig, Gonset G-63 rcvr, Vicking Challenger W/20 crystals. Also TenTec PM2 Dave WB9FDO 761-1347

FOR SALE...TH6 DXX, going to school. Jim WB9GLA 321-5172

HAPPY NEW YEAR!